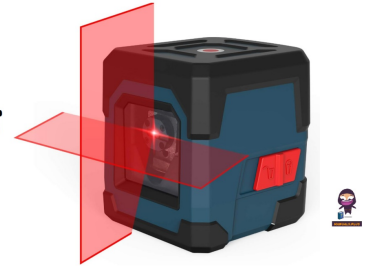


ROCKSEED

LV1 Line Laser



RockSeed LV1 Line Laser User Manual

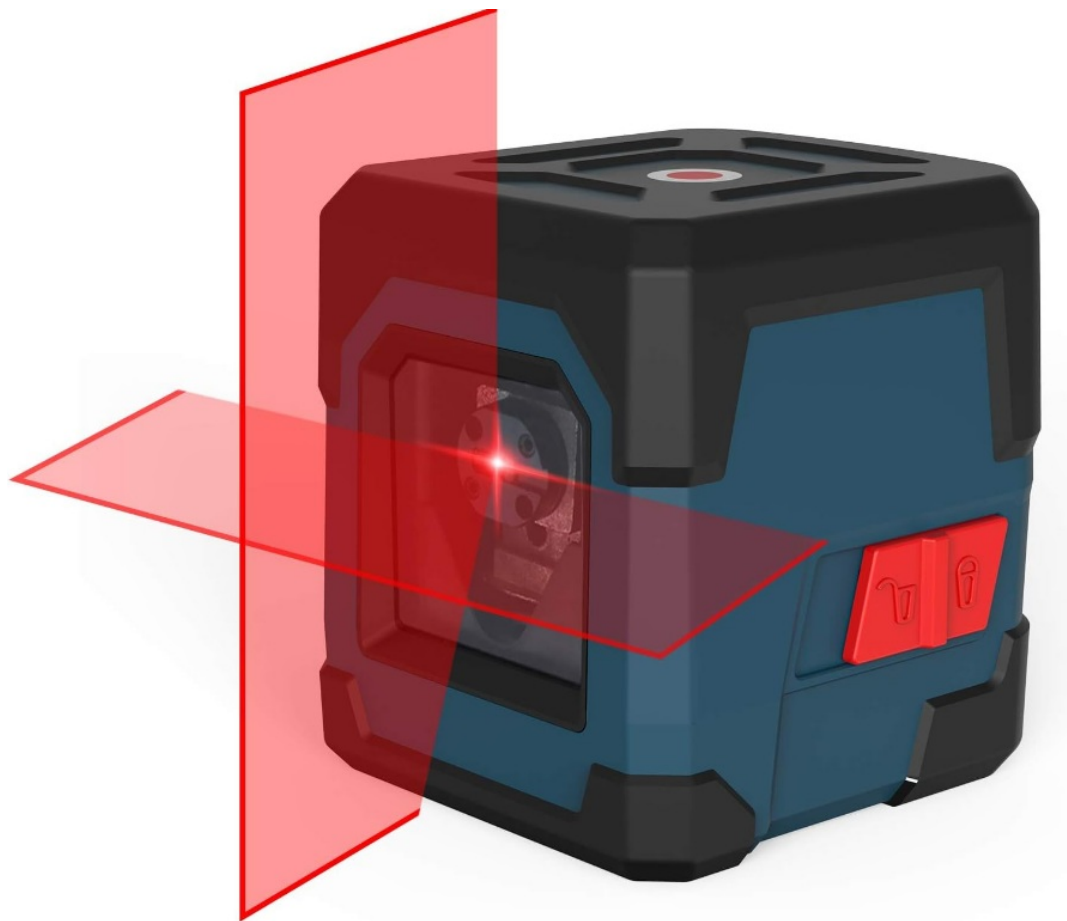
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RockSeed LV1 Line Laser



Launch Date: January 15, 2020

Price: \$23.18

Introduction

The RockSeed LV1 Line Laser is a flexible tool that makes it easier to level and line things precisely. This laser level is very accurate and easy to use, making it perfect for both professional builders and people who like to do their own projects. Its small size makes it easy to move around, and its strong build means it can handle rough work environments. The LV1 has a self-leveling device that makes it perfectly straight lines every time, so you don't have to worry about your projects. This tool has a bright red laser and two different modes of operation, so it can be used for many tasks, from putting in tiles to building furniture. The laser is an important tool for accurate readings and alignment because it is long-lasting and easy to use. Every time you use the RockSeed LV1 Line Laser, it works reliably, whether you're working inside or on a building site.

Specifications

- **Brand:** RockSeed
- **Color:** Red
- **Product Dimensions:** 3.94 inches (L) x 3.54 inches (W)
- **Style:** Laser, Horizontal
- **Item Weight:** 8.2 ounces (0.51 pounds)
- **Operation Mode:** Automatic
- **UPC:** 778862082242
- **Manufacturer:** RockSeed
- **Part Number:** RS-LV1
- **Item Model Number:** LV1

- **Power Source:** Battery Powered
- **Batteries Required:** 2 AA batteries (included)
- **Battery Cell Type:** Alkaline
- **Accuracy:** $\pm 1/8$ inch at 30 feet (± 3 mm at 12 meters)
- **Laser Class:** Class 2
- **Laser Wavelength:** 635 nm
- **Protection Level:** IP54 (shock-resistant, waterproof, dustproof)
- **Weight:** 0.8 pounds
- **Package Dimensions:** 0.33 feet x 0.3 feet x 0.3 feet
- **Special Features:** Self-leveling

Package Includes



- RockSeed LV1 Line Laser
- 2 AA batteries
- User manual
- Mounting bracket
- Carrying case

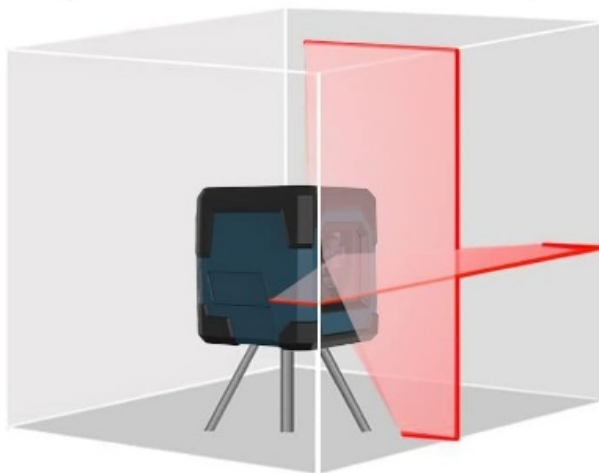
Features

Self-Leveling Mechanism:

- **Automatic Adjustment:** The laser automatically adjusts to ensure level lines within a range of ± 4 degrees. When in self-leveling mode, the device will level itself horizontally and vertically, providing accurate alignment. If the laser is out of its self-leveling range, it will flash to alert you.

Dual Modes (Self-Leveling & Manual):

self-leveling mode



Self-level Available



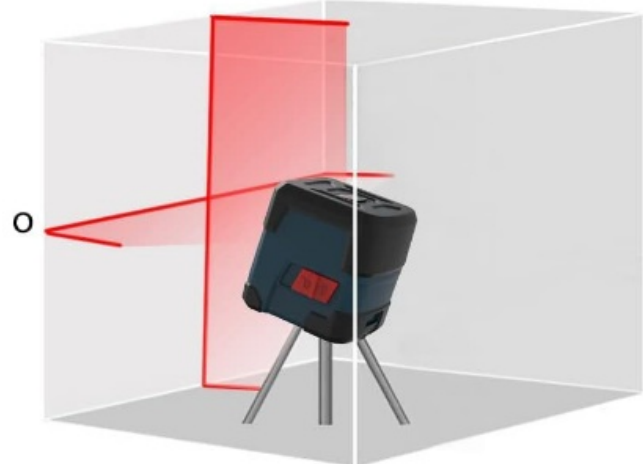
Within 4 Degree

$\leq \pm 4^\circ$



Pendulum Unlocked

manual mode



Manually place at any angle



Pendulum Locked

- **Self-Leveling Mode:** Automatically adjusts to level the laser lines within a $\pm 4^\circ$ range. Ideal for standard alignment tasks where accurate horizontal or vertical lines are needed.
- **Manual Mode:** Disables the self-leveling feature, allowing you to lock the laser lines and use the device at any angle. This is useful for tasks requiring non-standard angles or when the laser is placed on an uneven surface.

High Visibility & Accuracy:

- **Red Laser Lines:** Projects a bright red cross line at a wide 110° angle, ensuring visibility and clarity even in bright environments.

- **Precision:** Provides an accuracy of $\pm 1/8$ inch at 30 feet (± 3 mm at 12 meters). The high visibility and accuracy are beneficial for tasks like tile installation, photo hanging, and carpentry.



High Protection Grade (IP54):

- **Durable Construction:** The laser has an IP54 rating, meaning it is shock-resistant, waterproof, dustproof, and resistant to extreme temperatures. This makes it suitable for use in harsh environments.



- **Impact Resistance:** The shockproof enclosure protects the device from up to 4 feet of collisions, ensuring longevity and reliability.

Compact Design:

- **Portability:** Lightweight and compact, making it easy to carry and store. Fits comfortably in most toolboxes and can be easily transported to various job sites.

Flexible Mounting Design:

- **Mounting Options:** Can be mounted on a tripod or affixed to metal surfaces using a magnetic bracket (sold separately). This flexibility allows the laser to be rotated 360 degrees, projected at various angles, or adjusted in height.

Excellent After-Sale Service:

- **Support and Warranty:** RockSeed provides comprehensive after-sale support and warranty services. They focus on both product design and customer satisfaction, ensuring reliable assistance and support for any issues that may arise.

Usage

1. **Power On:** Insert the AA batteries and turn on the laser using the power button.
2. **Set Up:** Place the laser on a flat surface or mount it using the included bracket.
3. **Self-Leveling:** Wait for the laser to automatically level itself. The self-leveling feature will correct minor tilts.
4. **Project Laser Lines:** Align the laser to your desired position and use the projected lines for accurate measurements or alignments.
5. **Power Off:** Turn off the laser when not in use to conserve battery life.

Care and Maintenance

- **Keep Clean:** Wipe the lens and exterior with a soft, dry cloth to remove dust and debris.
- **Avoid Impact:** Handle with care to prevent damage to the internal components and laser optics.
- **Battery Maintenance:** Replace batteries promptly to avoid leakage and ensure consistent performance.
- **Storage:** Store in a dry, cool place and use the carrying case to protect the unit when not in use.

Troubleshooting

Issue	Possible Cause	Solution
Laser does not turn on	Batteries are dead or not properly installed	Replace or reinsert the AA batteries, ensuring proper polarity
Laser lines are faint	Low battery power	Replace the batteries with fresh ones
Self-leveling function not working	Device is outside its leveling range or on an uneven surface	Place the device on a stable, level surface and ensure it's within the $\pm 4^\circ$ range
Laser flashes or appears unstable	Device is on an uneven surface or tilt exceeds range	Stabilize the device or adjust to a flatter surface
Lines are not straight	Calibration issue	Ensure the device is properly leveled; reset or recalibrate if necessary
Device is not projecting lines correctly	Obstruction or dirt on the lens	Clean the laser lens and check for obstructions
Battery compartment issues	Corrosion or damage in the battery compartment	Clean the compartment and check for any visible damage
Overheating	Extended use or high ambient temperature	Allow the device to cool down before resuming use

Pros and Cons

Pros:

- Accurate self-leveling with a wide $\pm 4^\circ \pm 1^\circ$ range
- Bright and clear 110° cross-line projection
- Durable and shockproof design with IP54 protection
- Flexible mounting options for versatile use

- Affordable price point

Cons:

- Magnetic brackets are sold separately
- Limited to indoor use

Contact Information

For any product-related questions or concerns, please contact RockSeed customer support:

- **Email:** support@rockseed.com
- **Phone:** 1-800-123-4567
- **Website:** www.rockseed.com

Warranty

The RockSeed LV1 Line Laser comes with a 1-year limited warranty against defects in materials and workmanship. For more information on the warranty terms and conditions, please visit the RockSeed website or contact customer support.

FAQs

What is the RockSeed LV1 Line Laser used for?

The RockSeed LV1 Line Laser is used for precise alignment and leveling tasks, making it ideal for home improvement, construction, and DIY projects.

How does the RockSeed LV1 Line Laser's self-leveling mechanism work?

The RockSeed LV1 Line Laser's self-leveling mechanism automatically adjusts the laser lines to ensure they are perfectly horizontal or vertical within a $\pm 4^\circ$ range.

What are the key features of the RockSeed LV1 Line Laser?

Key features of the RockSeed LV1 Line Laser include its self-leveling function, dual operation modes (self-leveling and manual), high visibility red laser lines, and durable IP54-rated construction.

How accurate is the RockSeed LV1 Line Laser?

The RockSeed LV1 Line Laser provides accuracy of $\pm 1/8$ inch at 30 feet, ensuring precise

measurements for your projects.

What type of batteries does the RockSeed LV1 Line Laser use?

The RockSeed LV1 Line Laser uses 2 AA alkaline batteries, which are included in the package.

How do you switch between self-leveling mode and manual mode on the RockSeed LV1 Line Laser?

The RockSeed LV1 Line Laser features a slide switch that allows you to easily switch between self-leveling mode and manual mode.

What is the range of the laser beam for the RockSeed LV1 Line Laser?

The RockSeed LV1 Line Laser projects a laser beam up to 33 feet (10 meters), making it suitable for various alignment tasks.

How does the RockSeed LV1 Line Laser handle uneven surfaces?

When placed on an uneven surface, the RockSeed LV1 Line Laser will flash to indicate that it is out of its self-leveling range, prompting you to stabilize the device.

What is the protection level of the RockSeed LV1 Line Laser?

The RockSeed LV1 Line Laser has an IP54 protection level, meaning it is resistant to dust, water, and impacts.

How long does the battery last in the RockSeed LV1 Line Laser?

The battery life of the RockSeed LV1 Line Laser is approximately 10 hours of continuous use, depending on the conditions and usage.

What is included in the RockSeed LV1 Line Laser package?

The RockSeed LV1 Line Laser package includes the laser unit, 2 AA batteries, a user manual, a mounting bracket, and a carrying case.

How do you clean the RockSeed LV1 Line Laser?

To clean the RockSeed LV1 Line Laser, use a soft, dry cloth to wipe the exterior and a lens cleaning cloth for the laser lens to avoid any obstructions.

What should you do if the RockSeed LV1 Line Laser is not projecting clear lines?

If the RockSeed LV1 Line Laser is not projecting clear lines, check for obstructions or dirt on the lens, ensure the batteries are fresh, and confirm that the device is properly leveled.

References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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